ALPINE
GROUP OF INSTITUTES
DEHRADUN

30 years of excellence

TAKING OFF TOWARDS TOMORROW

Shaping future-ready professionals through **excellence and innovation**

Welcome to the

ALPINE GROUP OF INSTITUTES

Explore the Alpine Group of Institutes in Doon Valley, where education and innovation thrive amid natural beauty. Since 1994, we foster a nurturing environment with exceptional faculty and modern facilities, promoting holistic growth. Our commitment to values and academic excellence prepares students for a changing world through extracurricular activities, industry projects, and exposure programs. At Alpine, we emphasize personal and professional development, ensuring a fulfilling educational journey that prepares you for a dynamic future.

Join us for a quality education that is a journey, not just a destination!

Built on Knowledge. Driven by Excellence.

ALPINE
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About our **Institute**

Alpine Institute of Aeronautics, under the aegis of the Alpine Group of Institutes, stands as a premier center for aviation education in India. The institute is dedicated to preparing skilled professionals through industry-aligned training, advanced facilities, and hands-on aviation exposure.

Industry-Integrated Practical Training Partners

Alpine Institute has signed MOUs with approved aviation organizations to provide up to 30% practical training in accordance with DGCA CAR-147 (Basic) requirements for AME students.

Air India · HAL · Deccan Air Express · Yatih Air Services Pvt. Ltd. · Heritage Aviation · Shaurya Aeronautics Pvt. Ltd · Global Konnect Air · IndiGo

APPROVED BY:

भारत सरकार GOVERNMENT OF INDIA

सत्यमेव जयते

Directorate General of Civil Aviation
नागर विमानन महानिदेशालय (डीजीसीए)
MINISTRY OF Civil Aviation

AFFILIATED TO:
Central & State Government Universities

Leading With **Vision** & **Integrity**

Guided by **Industry Expertise**

Mr. S.K. Chauhan
TRAINING MANAGER
DIRECTOR, ALPINE GROUP

Mr. S.K. Malik
QUALITY CONTROL MANAGER
ALPINE INSTITUTE OF AERONAUTICS

Mr. V.B. Singh
INSTRUCTOR
EXP : 20 YEARS

Mr. M.M. S Aswal
DY. QUALITY MANAGER
EXP: 20 YEARS

Mr. B.K. Solanki
INSTRUCTOR
EXP : 27 YEARS

Mr. Anil Bisht
CHIEF PRACTICAL INSTRUCTOR
EXP : 22 YEARS

Mr. Sudhir N. Sharma
INSTRUCTOR
EXP : 23 YEARS

Ms. Anju
INSTRUCTOR
EXP: 3 YEARS

Ms. Sharmistha Bhatt
INSTRUCTOR
EXP : 3 YEARS

Mr. Shivom K. Pundir
INSTRUCTOR
EXP : 11 YEARS

Ms. Swati Chauhan
INSTRUCTOR
EXP : 3 YEARS

Mrs. Sonam Kandari
ASSISTANT PROFESSOR
EXP : 10 YEARS

Mr. A. Khanduri
ASSISTANT PROFESSOR
EXP : 3 YEARS

Mr. Ashish Bahuguna
ASSISTANT PROFESSOR
EXP : 9 YEARS

Mr. Rahul Joshi
ASSISTANT PROFESSOR
EXP : 3 YEARS

Mr. Tirth B. Thapa
INSTRUCTOR
EXP : 25 YEARS

Mr. Rajesh Kumar
INSTRUCTOR
EXP : 25 YEARS

Institute Rankings

Ranked
No. 1

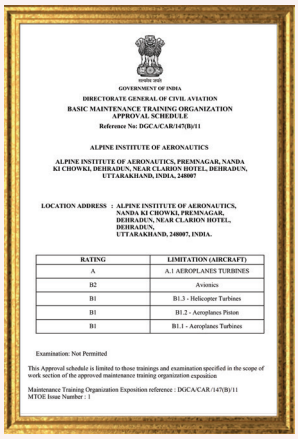
Alpine Group of Institutes has been setting the benchmark for excellence in aviation education and training.

Counted Among the
Best

Our programs are regularly listed among the Top 50 in the country, reflecting quality education and innovation.

Most Government - Approved Institute in India

Recognized as the only institute in India with the highest number of Government approvals for aviation and allied programs.



GOVERNMENT OF INDIA

DIRECTORATE GENERAL OF CIVIL AVIATION

BASIC MAINTENANCE TRAINING ORGANIZATION APPROVAL SCHEDULE

Reference No: DGCA/CAR/147(B)/11

ALPINE INSTITUTE OF AERONAUTICS

ALPINE INSTITUTE OF AERONAUTICS, PREMNAGAR, NANDA KI CHOWKI, DEHRADUN, NEAR CLARION HOTEL, DEHRADUN, UTTARAKHAND, INDIA, 248007

LOCATION ADDRESS : ALPINE INSTITUTE OF AERONAUTICS, NANDA KI CHOWKI, PREMNAGAR, DEHRADUN, NEAR CLARION HOTEL, DEHRADUN, UTTARAKHAND, 248007, INDIA.

RATING	LIMITATION (AIRCRAFT)
A	A.1 AEROPLANES TURBINES
B2	Avionics
B1	B1.3 - Helicopter Turbines
B1	B1.2 - Aeroplanes Piston
B1	B1.1 - Aeroplanes Turbines

Examination: Not Permitted

This Approval schedule is limited to those trainings and examination specified in the scope of work section of the approved maintenance training organization exposition

Maintenance Training Organization Exposition reference : DGCA/CAR/147(B)/11
MTOE Issue Number : 1

Merit & Excellence
Awards

Meritorious students receive cash prizes and honors from dignitaries including the Hon'ble Governor of Uttarakhand.

National Recognition

Award of Excellence presented by Hon'ble Chief Minister Pushkar Dhami to our Chairman for outstanding contribution to education.

Career Development & **Placement Cell**

At Alpine, we believe that preparing students for success goes beyond academics. Our Training & Placement Cell is dedicated to shaping every student into an industry-ready professional through comprehensive programs that develop both technical expertise and soft skills.

650+
Recruiters

90 LPA
Highest Package

9000+
Placements

29000+
Alumni Base

Singapore Airlines · Deccan Air Express · Shaurya Aeronautics Pvt. Ltd · Qatar Airways · spirit

Air India · IndiGo · Boeing · Lufthansa · Global Konnect Air

Yatih Air Services Pvt. Ltd. · Heritage Aviation · Deccan Air Express · Emirates · AirAsia

AIESL · HAL

Trusted by **top multinational companies** and loved by students, Alpine stands proudly as the

Best College for Placements in North India

Course Programs **We Offer**

AVIATION PROGRAMS

- Aircraft Maintenance Engineering
- B.Tech. Aeronautical Engineering + AME
- BBA Aviation
- B.Sc. AME
- Cabin Crew & Air Hostess
- Airport Ground Services

AIRCRAFT MAINTENANCE ENGINEERING

APPROVED BY DGCA, GOVT. OF INDIA
(CAR 147 Basic Maintenance Training Organization)

- B1.1 (Aircraft with Jet Engine)
- B1.2 (Aircraft with Piston Engine)
- B1.3 (Helicopter with Jet Engine)
- B2 (Avionics)
- A1 (Aeroplane Turbines)

ROLE OF AME IN AVIATION INDUSTRY

Aircraft Maintenance Engineers (AMEs) play a critical role in aircraft maintenance, repair, and overhaul (MRO). No aircraft can operate without being certified airworthy by a licensed AME. Only AMEs holding licenses in relevant categories are authorized to inspect, service, repair, overhaul, and release aircraft and their components for flight.

ROLE OF B.TECH IN AERONAUTICAL ENGINEERING

B.Tech in Aeronautical Engineering focuses on aircraft design, development, testing, and maintenance, propulsion, aerodynamics, avionics, structures, and materials, with diverse career opportunities in leading manufacturing, MROs, R&D, space, defense, and both civil and military aviation sectors.

ROLE OF BBA AVIATION

Prepares students for aviation management and operational roles such as airport and airline management, ground services, logistics, safety, and customer operations, with pathways to higher studies.

Aircraft Maintenance Engineering (AME)

Aircraft Maintenance Engineering is a DGCA (Directorate General of Civil Aviation), India–regulated licensing program. It is not a degree program but professional training that enables engineers to certify aircraft for flight.

Category A (Line Maintenance):
Authorized for minor scheduled maintenance and simple defect rectifications; typically the entry-level certification for work on the flight line (tarmac).

Category B1 (Mechanical Stream):
Focuses on airframe, engine, and structural components. Includes B1.1 (Aeroplane Turbine – Jet Engines), B1.2 (Aeroplane Piston), and B1.3 (Helicopter Turbine).

Category B2 (Avionics Stream):
Covers electronic systems such as instrumentation, radio, navigation, and auto-pilot systems for both aeroplanes and helicopters.

B.Tech. in Aeronautical Engineering

B.Tech in Aeronautical Engineering is a 4-year undergraduate degree approved by AICTE, focusing on the engineering principles behind aircraft and aerospace systems.

Focus Areas:
Theory, aircraft design, research & development (R&D), and manufacturing.

Core Subjects:
Aerodynamics, propulsion, fluid dynamics, avionics, and aircraft structures.

Career Scope:
Graduates typically work as design engineers, R&D professionals, or analysts in organizations such as DRDO, HAL, ISRO, and private aerospace design and manufacturing companies.

BBA in Aviation

BBA in Aviation is an undergraduate management program designed for students who wish to build careers in the business and operational side of the aviation industry. The program combines core business administration principles with aviation-specific knowledge, preparing graduates for managerial and administrative roles in aviation organizations.

Focus Areas:
Airline operations, airport management, aviation marketing, aviation economics, and business administration.

Career Scope:
Graduates can pursue roles in airline management, airport operations, aviation marketing, customer experience, ground handling, and administrative positions across aviation companies and allied sectors.

Integrated Program: B.Tech. Aeronautical Engineering + AME

Program Structure

- Engineering classes for B.Tech (theory, design, and analysis)
- DGCA-approved AME training modules.

Key Benefits of the Integrated Program

- **Dual Qualification:** Combines engineering expertise with licensed aircraft maintenance skills.
- **Versatility:** Eligible for careers in both design/manufacturing and airline/MRO maintenance sectors.
- **Job Security:** Flexibility to shift between engineering and maintenance roles based on industry demand.
- **Career Growth:** Engineers with practical maintenance knowledge are highly valued in design and R&D roles due to their understanding of real-world aircraft operations.

Hanger Facility for Major/Line Maintenance Checks

Alpine Institute features a modern hangar facility that supports its aviation programs, providing students with hands-on training in aircraft maintenance and operations.

01

Equipped with advanced aviation technology to support hands-on learning.

02

Enables students to apply classroom theory in real-world maintenance environments.

03

Designed for Major and Line Maintenance training exposure.

04

Builds essential technical skills aligned with industry standards and career requirements.

This dedicated hangar facility provides students with direct exposure to aircraft maintenance operations in a controlled, real-world environment. By working on live systems and components, students gain practical insight into major and line maintenance procedures essential for aviation careers.

Modules

The aviation industry offers wide career opportunities including AMEs, pilots, air traffic controllers, and airport managers. Rapid global expansion, fleet growth, and rising passenger demand are increasing the need for skilled professionals. Supported by favorable government policies, aviation offers strong career prospects with competitive salaries, job stability, and global growth opportunities.

DGCA EXAM MODULE REQUIRED TO OBTAIN LICENSES

NO.	NAME	B1.1	B1.2	B1.3	B2
1.	Electrical Fundamentals	✓	✓	✓	✓
2.	Electronic Fundamentals	✓	✓	✓	✓
3.	Digital Techniques/Electronic Instrument Systems	✓	✓	✓	✓
4.	Materials & Hardware	✓	✓	✓	✓
5.	Maintenance Practices	✓	✓	✓	✓
6.	Basic Aerodynamics	✓	✓	✓	✓
7.	Human Factors	✓	✓	✓	✓
8.	Aviation Legislation	✓	✓	✓	✓
9A.	Aeroplane Aerodynamics, Structures & Systems (Turbine)	✓			
9B.	Aeroplane Aerodynamics, Structures & Systems (Piston)		✓		
10.	Helicopter Aerodynamics, Structures & Systems			✓	
11.	Aircraft Aerodynamics, Structures & Systems				✓
12.	Propulsion				✓
13.	Gas Turbine Engine	✓		✓	
14.	Piston Engine		✓		
15.	Propeller		✓		

Experiential Learning with Institute-Owned Aircraft & Turbine Systems

Learjet 22B

It is an early high-performance light business jet known for its high speed and rapid climb. The training gives hands-on exposure to **jet aircraft systems** and **operations**, understanding high-speed aerodynamics, propulsion, and performance.

Robinson R22 Helicopter

It is a lightweight, two-seat training helicopter widely used for pilot instruction due to its low operating cost and responsive controls. It is ideal for building **core rotorcraft handling skills** and is widely used for beginner helicopter pilot training worldwide.

Gas Turbine/Piston Engines

Gas turbines are continuous-flow engines used in jets and helicopters for high-speed, high-altitude performance, while piston engines power small aircraft with efficient, lower-speed operation. Training builds practical understanding of engine operation, performance, applications, and maintenance fundamentals.

Beech Bonanza Aircraft

It is a legendary single-engine, four-to-six seat aircraft known for its performance, reliability, and all-metal construction. It offers students valuable exposure to advanced piston-aircraft systems and flight operations.

Where Our Alumni **Command the Skies**

Last 5 Year Placement Statistics

Over 60% of our graduates are hired by the Top 3 global aviation leaders.

At Alpine, we don't just teach aviation, we fuel the industry's future. Our placement record is a testament to the trust global giants place in our graduates. From the dominant domestic presence of IndiGo to the engineering excellence of Boeing and Airbus, our alumni are the backbone of the world's most elite fleets. When you join us, you aren't just getting a degree, you're securing a seat at the captain's table of global aerospace.

Careers with top **Aviation Companies**

Our students have earned opportunities with some of the most respected names in the aviation industry. These placements reflect the trust leading aviation companies place in our talent and training philosophy.

BOEING

Mr. Goutam
THE BOEING COMPANY

BOEING

Mr. Arnab
THE BOEING COMPANY

IndiGo

Mr. Parv
INTERGLOBE AVIATION LIMITED

IndiGo

Ms. Adrija
INTERGLOBE AVIATION LIMITED

IndiGo

Ms. Kirti
INTERGLOBE AVIATION LIMITED

BOEING

Ms. Muskan
THE BOEING COMPANY

BOEING

Mr. Abhishek
THE BOEING COMPANY

BOEING

Ms. Harsiman
THE BOEING COMPANY

BOEING

Ms. Yashika
THE BOEING COMPANY

BOEING

Mr. Divyanshu
THE BOEING COMPANY

AIR INDIA

Mr. Ankit
AIR INDIA LIMITED

AIR INDIA

Mr. Devansh
AIR INDIA LIMITED

AIR INDIA

Ms. Anupriya
AIR INDIA LIMITED

SHAURYA AERONAUTICS Pvt. Ltd

Mr. Mohit
SHAURYA AERONAUTICS

FA FLAPS AVIATION PVT LTD

Mr. Aditya
FLAPS AVIATION PVT LTD

HERITAGE AVIATION

Ms. Soni
HERITAGE AVIATION PVT. LTD.

Deccan Air Express

Ms. Tripti
DECCAN AIR EXPRESS

Deccan Air Express

Mr. Arkajyoti
DECCAN AIR EXPRESS

Haveus Aerotech

Mr. Sahil
HAVEUS AEROTECH INDIA LTD

Haveus Aerotech

Mr. Sandeep
HAVEUS AEROTECH INDIA LTD

The Journey Begins on the Ground

The Career Takes Flight

We provide structured training that builds strong foundations, transforming practical ground learning into confident, real-world aviation experience and preparing students for professional careers that take flight across the global aviation industry today.

Reasons to study **at Alpine**

Lush Green Campus

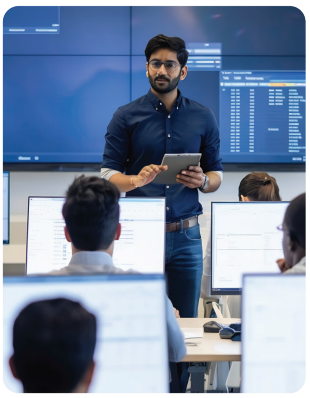
Spread across a serene, eco-friendly environment, the Alpine campus offers the perfect blend of nature and learning.

Excellent Linkage with Industry Leaders

Dedicated groups of professional providing quality education along with intense practical training.

State of the art Infrastructure

With smart classrooms, advanced labs, and a rich library, Alpine offers world-class facilities for innovation and academic excellence.

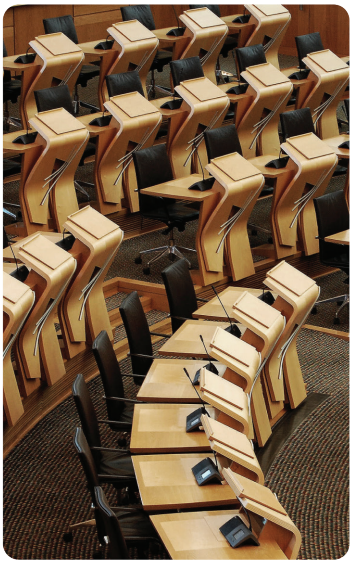


Hands-On Trainingu with Aircrafts

Only institute having its own aircraft, Beach Bonanza A-35, R-22 Helicopter & Learjet 25-B Heavy Aircraft

Government Approved Intake

Each program is recognized and approved by Directorate General of Civil Aviation, Govt. of India.



Employment Oriented Programs

Courses are designed with hands-on training and industry integration to prepare students for real-world careers.

Scholarships

We provide scholarships to support deserving students based on merit and financial need, ensuring that access to quality education is both fair and inclusive.

Student Participation

Clubs and committees empower students to lead, collaborate, and contribute to the community.

Alpine is catering to the needs of those deserving students who are keen to acquire quality and value based education.

Our Alumni
Across the Globe

1000+
Alumni's working abroad

30+
Countries

50+
MNC's

Our alumni are making their mark across the world. Alpine's alumni community is spread across leading economies worldwide, working in top companies and research institutions. Their achievements highlight our commitment to nurturing professionals who thrive in diverse international environments.

Global Presence

This worldwide presence also opens doors for current students, through mentorship, industry insights, and international exposure. Our global alumni network continues to inspire, guide, and support the next generation of professionals.

ALPINE
GROUP OF INSTITUTES
DEHRADUN

Preparing students for a **Globally Connected World.**

Alpine
Group of Institutes
Amenities & Facilities

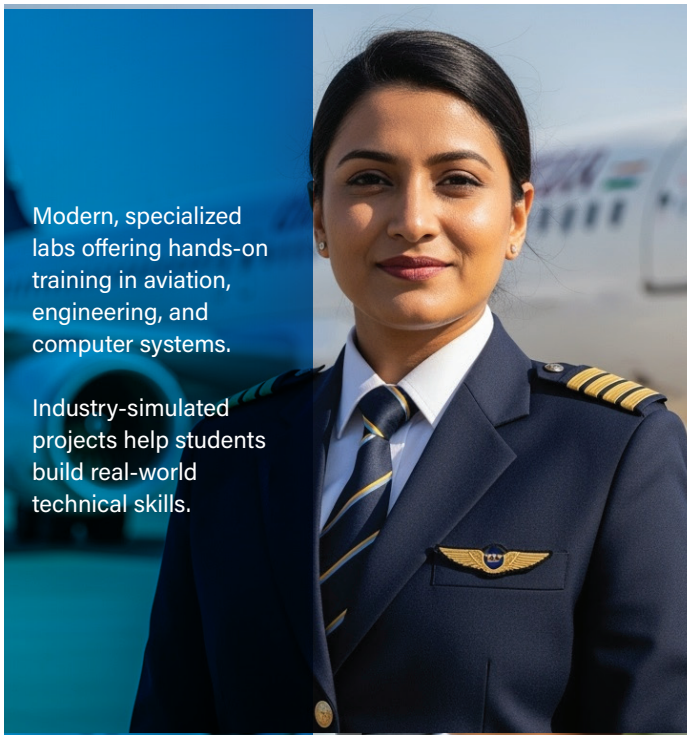
Alpine Institute offers a well-rounded campus environment equipped with modern academic, technical, and student-centric facilities that support both learning and personal growth. From advanced aviation laboratories, simulation rooms, and industry-grade workshops to a comprehensive technical library with global aviation manuals, every space is designed to enhance hands-on and theoretical learning.

The campus provides safe hostels, smart classrooms, dedicated study zones, seminar halls, and collaboration spaces that promote an engaging academic experience.

Our Campus

A fully equipped aviation-focused campus with advanced labs, simulators, and training workshops.

Strong industry collaborations providing real-aircraft exposure and global-standard aviation training



Modern, specialized labs offering hands-on training in aviation, engineering, and computer systems.

Industry-simulated projects help students build real-world technical skills.

AIRLINES/MRO PRACTICAL TRAINING

30% practical training through MOUs with top aviation organizations like HAL, AIESL, and Simplifly Deccan.

Real-time exposure to aircraft maintenance, operations, and MRO environments.

TECHNICAL LIBRARY

A dedicated aviation library with DGCA/EASA-approved manuals, journals, and digital resources.

Supports exams, certifications, and research with updated databases, quiet study zones, and technical documentation.

CLASSROOMS

With smart classrooms, advanced labs, and a rich library, Alpine offers world-class facilities for innovation and academic excellence.

TEAM PROJECTS

Group projects build teamwork, confidence, & practical problem-solving skills.

Students benefit from regular industry interactions, on-site practical exposure, and access to digital learning resources that keep them aligned with current aviation standards.

Life at the Campus

Student life at Alpine

Life at Alpine is shaped by a campus culture that combines learning with meaningful experiences. Students participate in annual fests, concerts, open-mic evenings, and inter-department events that give them plenty of moments to unwind and showcase their talents. The campus regularly hosts technical workshops, industry-led sessions, and skill-building activities that help students stay connected to real-world trends. Sports are an equally important part of student life, with facilities for both indoor and outdoor games, regular practice sessions, and friendly tournaments that keep the campus active throughout the year.

From casual hangouts in green open spaces to engaging club activities and community events, Alpine offers a warm, energetic, and genuinely supportive environment where students feel at home while growing personally and academically..

ALPINE
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Courses **we offer**

DEPARTMENT OF AVIATION

- Aircraft Maintenance Engineering
- B.Tech. Aeronautical Engineering + AME
- BBA Aviation
- B.Sc AME

DEPARTMENT OF CSE

- B.Tech in Computer Sc. Engineering
  - AIML
  - Data Science
- B.Sc IT
- BCA

DEPARTMENT OF PHARMACY

- B.Pharm
- D.Pharm

DEPARTMENT OF MANAGEMENT

- BBA Aviation
- B.Com
- BHM
- BBA

DEPARTMENT OF AGRICULTURE/LIFE SCIENCES

- B.Sc Agriculture (Hons.)
- M.Sc Microbiology
- M.Sc Agronomy
- M.Sc EVS

DEPARTMENT OF ENGINEERING

- B.Tech in Computer Sc. Engineering
  - AIML
  - Data Science
- Diploma Mechanical Engineering
  - Production
  - Automobile
- B.Tech Aeronautical Engineering
- Diploma Civil Engineering

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